

Title (en)
OPTICAL SCANNING DEVICE

Title (de)
VORRICHTUNG ZUR OPTISCHEN ABTASTUNG

Title (fr)
DISPOSITIF DE BALAYAGE OPTIQUE

Publication
EP 3410170 A1 20181205 (EN)

Application
EP 18174582 A 20180528

Priority
JP 2017107220 A 20170530

Abstract (en)
An optical scanning device (1A) includes a support portion including a swingable coupling portion (141, 142) and a frame (11) swingably supporting the coupling portion (141, 142), a first reflecting portion (12) coupled to the coupling portion (141, 142) and configured to swing together with the coupling portion (141, 142), and a swingable connecting portion (15) including a bridge (152) and a second reflecting portion (13) coupled to the first reflecting portion (12) via the bridge (152) and provided at a position away from the first reflecting portion (12) beyond the support portion.

IPC 8 full level
G02B 7/182 (2006.01); **G02B 26/10** (2006.01)

CPC (source: CN EP US)
G02B 7/1821 (2013.01 - EP US); **G02B 26/105** (2013.01 - CN EP US)

Citation (applicant)
WO 2008149851 A1 20081211 - NHK SPRING CO LTD [JP], et al

Citation (search report)
• [XY] US 2009051997 A1 20090226 - MAENO YOSHIKI [JP], et al
• [XY] US 2011128601 A1 20110602 - YAMADA MASATO [JP], et al
• [Y] US 5808727 A 19980915 - KATAYAMA KOJI [JP]
• [Y] DE 102009049809 A1 20110601 - INGBUERO SPIES GBR [DE]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3410170 A1 20181205; EP 3410170 B1 20230510; CN 108983416 A 20181211; CN 108983416 B 20210406; JP 2018205369 A 20181227; JP 7066982 B2 20220516; US 10606068 B2 20200331; US 2018348508 A1 20181206

DOCDB simple family (application)
EP 18174582 A 20180528; CN 201810515872 A 20180525; JP 2017107220 A 20170530; US 201815990832 A 20180529